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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032  
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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	OC0100US
First Named Inventor	Feierabend
<b>COMPLETE IF KNOWN</b>	
Application Number	/
Filing Date	
Group Art Unit	
Examiner Name	

**As a below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**OPTICAL SWITCH WITH LOW-INERTIA MICROMIRROR**

*(Title of the Invention)*

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

(if applicable).

Application Number

and was amended on (MM/DD/YYYY)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to:  Customer Number  
or Bar Code Label 022849 OR  Correspondence address below

Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR :**  A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	Patrick E.	Family Name or Surname	Feierabend
---	------------	---------------------------	------------

Inventor's  
Signature

Date

Residence: City	Santa Barbara	State	CA	Country	USA	Citizenship	US
-----------------	---------------	-------	----	---------	-----	-------------	----

Mailing Address 215 Via Sevilla Street

Mailing Address

City	Santa Barbara	State	CA	ZIP	93109	Country	US
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**NAME OF SECOND INVENTOR:**  A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	John S.	Family Name or Surname	Foster
---	---------	---------------------------	--------

Inventor's  
Signature

Date

Residence: City	Santa Barbara	State	CA	USA	Country	Citizenship	US
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Mailing Address 4678 Via Huerto

Mailing Address

City	Santa Barbara	State	CA	ZIP	93110	Country	USA
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Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box → +

PTO/SB/02A (11-00)

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 2

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Bryant P.		Hichwa	
<b>Inventor's Signature</b>	<i>Bryant P. Hichwa</i>		<i>09 Jun 2001</i> <b>Date</b>
<b>Residence: City</b> Santa Rosa	<b>State</b> CA	<b>Country</b> USA	<b>Citizenship</b> US
<b>Mailing Address</b> 4100 Pressley Road			
<b>Mailing Address</b>			
<b>City</b> Santa Rosa	<b>State</b> CA	<b>ZIP</b> 95404	<b>Country</b> USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Richard T.		Martin	
<b>Inventor's Signature</b>			<b>Date</b>
<b>Residence: City</b> Goleta	<b>State</b> CA	<b>Country</b> USA	<b>Citizenship</b> US
<b>Mailing Address</b> 5692 Berkeley Road			
<b>Mailing Address</b>			
<b>City</b> Goleta	<b>State</b> CA	<b>ZIP</b> 93117	<b>Country</b> USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Paul J.		Rubel	
<b>Inventor's Signature</b>			<b>Date</b>
<b>Residence: City</b> Santa Barbara	<b>State</b> CA	<b>Country</b> USA	<b>Citizenship</b> US
<b>Mailing Address</b> 527 La Marina Drive			
<b>Mailing Address</b>			
<b>City</b> Santa Barbara	<b>State</b> CA	<b>ZIP</b> 93109	<b>Country</b> USA

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 2

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Tara Jean (Kimon)		Rybnicek	
Inventor's Signature		Date	
Residence: City	Santa Barbara	State	CA
Country	USA	Citizenship	US
Mailing Address 1107 Crestline Drive			
Mailing Address			
City	Santa Barbara	State	CA
ZIP	93105	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
John W.		Stocker	
Inventor's Signature		Date	
Residence: City	Carpenteria	State	CA
Country	USA	Citizenship	US
Mailing Address 185 Ocean View Avenue			
Mailing Address			
City	Carpenteria	State	CA
ZIP	93105	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Jeffery F.		Summers	
Inventor's Signature		Date	
Residence: City	Santa Barbara	State	CA
Country	USA	Citizenship	US
Mailing Address 1416 Clear View Road			
Mailing Address			
City	Santa Barbara	State	CA
ZIP	93101	Country	USA

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**DECLARATION FOR UTILITY OR  
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PATENT APPLICATION  
(37 CFR 1.63)**

Declaration  
Submitted  
with Initial  
Filing

OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number	OC0100US
First Named Inventor	Feierabend
COMPLETE IF KNOWN	
Application Number	/
Filing Date	
Group Art Unit	
Examiner Name	

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(Title of the Invention)

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OR

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(If applicable).

Application Number and was amended on (MM/DD/YYYY) 

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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[Page 1 of 2]

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## DECLARATION — Utility or Design Patent Application

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Name			
Address			
Address		State	ZIP
City	Telephone	Fax	
Country			

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

A petition has been filed for this unsigned inventor

## NAME OF SOLE OR FIRST INVENTOR:

Given Name (first and middle [if any])	Patrick E.	Family Name or Surname	Felerabend
Inventor's Signature			
Residence: City	Santa Barbara	State	CA
Country	USA	Citizenship US	

1/11/01

Mailing Address 215 Via Sevilla Street

## Mailing Address

City Santa Barbara	State CA	ZIP 93109	Country US
--------------------	----------	-----------	------------

A petition has been filed for this unsigned inventor

## NAME OF SECOND INVENTOR:

Given Name (first and middle [if any])	John S.	Family Name or Surname	Foster
Inventor's Signature			
Residence: City	Santa Barbara	State	CA
Country	USA	Citizenship US	

1/11/01

Mailing Address 4678 Via Huerto

## Mailing Address

City Santa Barbara	State CA	ZIP 93110	Country USA
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Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
**Page 1 of 2**

<b>Name of Additional Joint Inventor, If any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Bryant P.		Hichwa	
Inventor's Signature		Date	
Residence: City	Santa Rosa	State	CA
Country	USA	Citizenship	
4100 Pressley Road			
Mailing Address			
Mailing Address			
City Santa Rosa		State	CA
ZIP 95404		Country USA	
<b>Name of Additional Joint Inventor, If any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Richard T.		Martin	
Inventor's Signature		Date 11 Jan 2001	
Residence: City	Goleta	State	CA
Country	USA	Citizenship	
5692 Berkeley Road			
Mailing Address			
Mailing Address			
City Goleta		State	CA
ZIP 93117		Country USA	
<b>Name of Additional Joint Inventor, If any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Paul J.		Rubel	
Inventor's Signature		Date Jan 11, 2001	
Residence: City	Santa Barbara	State	CA
Country	USA	Citizenship	
527 La Manna Drive			
Mailing Address			
City Santa Barbara		State	CA
ZIP 93109		Country USA	

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PAGE 09

PAGE 03

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U.S. Patent and Trademark Office, U.S. Department of Commerce  
Under the Patent Protection Act of 1990, an inventor is entitled to a period of 12 months from the filing date of this application to file a patent application for the same subject matter.

## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 2 of 2

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned Inventor

Given Name (last and middle if any)

Family Name or Surname

Kimon

Rybniak

Inventor's  
Signature

Date

1/11/01

Residence City Santa Barbara

State CA

Country USA

Citizenship US

Mailing Address 1107 Creative Drive

Mailing Address

City Santa Barbara

State CA

Zip 93105

Country USA

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned Inventor

Given Name (last and middle if any)

Family Name or Surname

John W.

Stocker

Inventor's  
Signature

Date

1/17/01

Residence City Santa Barbara

State CA

Country USA

Citizenship US

Mailing Address 105 Clear View Avenue

211 Bath

Mailing Address

City Santa Barbara, Carpenter

State CA

Zip 93105 93101

Country USA

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned Inventor

Given Name (last and middle if any)

Family Name or Surname

Jeffrey F.

Summers

Inventor's  
Signature

Date

1/17/2001

Residence City Santa Barbara

State CA

Country USA

Citizenship US

Mailing Address 1416 Clear View Road

Mailing Address

City Santa Barbara

State CA

Zip 93101

Country USA

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Feierabend et al.

Application No./Patent No.: unassigned Filed/Issue Date: herewith

Entitled: OPTICAL SWITCH WITH LOW-INERTIA MICROMIRROR

Optical Coating Laboratory, Inc., a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or (Equal, undivided interest with Applied Magnetics Corporation, dba Innovative Micro Technology)  
 2.  an assignee of less than the entire right, title and interest.  
 The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

 Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. **See MPEP 302.08]**

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Jan. 17, 2001

Date

Scott W. Hewett

Typed or printed name

Scott W. Hewett

Signature

1-4-041,836

Attorney for Optical Coating Laboratory, Inc.

Title